



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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D350-822-011
Job Sheet 198139



Part No: D350-822-011

Job Qty: 1 pcs

Part Name: PA100 PUREair System for AS350/EC130



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/22/19

Job Tracking No:

Due Date: 8/16/19

Created By: Marie Lajeunesse

Type: Stock

Description: SIOP

Note: IIN-D350-822 REV:I IPP REV:A 14.02.20 NEW ISSUE DD VERF:JLM IPP REV:B 14.06.18 AS PER IIN REV:C
DD VERF:JLM IPP REV:C 15.06.03 AS PER IIN REV:D DD VERF:JLM IPP REV:C 18.07.11 AS PER IIN
REV:H DD VERF:JFS IPP REV:D 19.04.16 AS PER CHG006 DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Packaging 1 - Pick Kit	1 pcs ✓		8/16/19	0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		
							Packaging 1 - 30		



Container No: S221870



Part: D350-822-011

Job No: 198139

Serial No/Batch: S2218

Revision: 1

Inspector:

Date:

Instructions: TC STC SH14-1 - Issue 2, FAA TC S 353

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110 Packaging 1-1 - Pick Kit - B4B 1 pcs

8/16/19

0.00 0.00

Packaging 1 - 31

Packaging 1 - 32

Packaging 1 - 33

Packaging 1 - 34

Packaging 1 - 35

Packaging 1 - 36

Packaging 1 - 1 - B4B

Packaging 1 - 2 - B4B

Packaging 1 - 3 - B4B

Packaging 1 - 4 - B4B

Packaging 1 - 5 - B4B

Packaging 1 - 6 - B4B

Packaging 1 - 7 - B4B

Packaging 1 - 8 - B4B

Packaging 1 - 9 - B4B

Packaging 1 - 10 - B4B

Packaging 1 - 11 - B4B

Packaging 1 - 12 - B4B

Packaging 1 - 13 - B4B

Packaging 1 - 14 - B4B

Packaging 1 - 15 - B4B

Packaging 1 - 16 - B4B

Packaging 1 - 17 - B4B

Packaging 1 - 18 - B4B

Packaging 1 - 19 - B4B

Packaging 1 - 20 - B4B

Packaging 1 - 21 - B4B

Packaging 1 - 22 - B4B

Packaging 1 - 23 - B4B

Packaging 1 - 24 - B4B

Packaging 1 - 25 - B4B

Packaging 1 - 26 - B4B

Packaging 1 - 27 - B4B

Packaging 1 - 28 - B4B

Packaging 1 - 29 - B4B

Packaging 1 - 30 - B4B

Packaging 1 - 31 - B4B

Packaging 1 - 32 - B4B

Packaging 1 - 33 - B4B

Packaging 1 - 34 - B4B

Packaging 1 - 35 - B4B

Packaging 1 - 36 - B4B

120 QC 4

1 pcs

8/16/19

0.00 0.00

QC 4 - 28

QC 4 - 58

QC 4 - 69

QC 4 - 9

QC 4 - 46

QC 4 - 68

QC 4 - 72

QC 4 - 74

QC 4 - 75

~~125 Outsource - 10 - Consignment 1 pcs~~~~8/16/19~~~~0.00 0.00~~DAS
78

OCT 15 2019

9.89

130 Packaging 3-1 - Stock - B4B 1 pcs

8/16/19

0.00 0.00

Packaging 3 - 1 - B4B

Packaging 3 - 2 - B4B

Packaging 3 - 3 - B4B

Packaging 3 - 4 - B4B

Packaging 3 - 5 - B4B

Packaging 3 - 6 - B4B

Packaging 3 - 7 - B4B

				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
135	DC - 1 - B4B	1 pcs	8/16/19	0.00 0.00	DC - 1 - B4B
					DC - 2 - B4B
140	QC 21 - FG	1 pcs	8/16/19	0.00 0.00	QC 21 - FG - 21
					QC 21 - FG - 70
					QC 21 - FG - 53

DAS
78
9-89

OCT 15 2019

Part Op 90 - Pick kit

Descriptions: 110 - Pick Kit

120 - QC4- 100% Inspect kits for completeness

125 - Issue PO to GL account 50000-25 to LEAVE W/O OPEN UNTIL SOLD PO 44990 (Send copy of PO to Pall - James) Issue W/O LINE item for Pall for amount sold on sales order S/O 18923 according to sales price see Warran for amount. (if sale price is \$23,000 - amount is \$13,400) PO can be received immediately and given to finance in order to close work order.

130 - Identify and pack for shipping as per PPP D350-822-011

135 - Photocopy bluefile & type labels per PPP D350-822-011 CHG006

140 - QC21- Final Inspection - Work Order Release

19-10-15

Wucher
Helicopters
GmbH

1624

(012285)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
650.0401	Pureair Fairing Assembly	1 pcs (1 ea)	90-Packaging 1 - Pick Kit B4B	5213005
9752100180	Gasket	1 Ea (1 ea)	90-Packaging 1 - Pick Kit	5195278 ✓
9945000120	Gasket (for B3e models)	1 pcs (1 ea)	90-Packaging 1 - Pick Kit	5199574 ✓
AN821-12J	Elbow (or AN821-12K or 12S)	2 Ea (2 ea)	90-Packaging 1 - Pick Kit	5219466 ✓
AN928-12J	Cap	1 Ea (1 ea)	90-Packaging 1 - Pick Kit	5218599 ✓
D4925-041	Mounting Plate Assembly	1 pcs (1 ea)	90-Packaging 1 - Pick Kit	5213693 ✓
D4931-1	Engine Fitting (for acft models B2 & previous)	1 pcs (1 ea)	90-Packaging 1 - Pick Kit	5192072 ✓
D4931-3	Engine Fitting (For B3 Models)	1 pcs (1 ea)	90-Packaging 1 - Pick Kit	5177706 ✓
D4931-5	Engine Fitting (for B3e models)	1 pcs (1 ea)	90-Packaging 1 - Pick Kit	5192914 ✓
D4935-1	Mounting Bracket	6 pcs (6 ea)	90-Packaging 1 - Pick Kit	5213365 ✓
D4943-1	Flex Hose	1 pcs (1 ea)	90-Packaging 1 - Pick Kit	5199091 ✓
D4961-041	Tube Assembly	1 pcs (1 ea)	90-Packaging 1 - Pick Kit	5192644 ✓
D4961-043	Tube Assembly	1 pcs (1 ea)	90-Packaging 1 - Pick Kit	5199119 ✓
D5079-1	Placard, Eaps Exp Date 11/14/2019	2 pcs (2 ea)	90-Packaging 1 - Pick Kit	5219455 ✓
D5090-041	Duct Assembly	1 pcs (1 ea)	90-Packaging 1 - Pick Kit	5219555 ✓
D5105-1	Handle	2 pcs (2 ea)	90-Packaging 1 - Pick Kit	5209366 ✓
D5110-1	Swivel Nut Fitting	1 pcs (1 ea)	90-Packaging 1 - Pick Kit	5200764 ✓
D5179-1	Doubler	2 pcs (2 ea)	90-Packaging 1 - Pick Kit	5212892 ✓
D5179-3	Doubler	2 pcs (2 ea)	90-Packaging 1 - Pick Kit	5212879 ✓
D5191-1	Doubler	2 pcs (2 ea)	90-Packaging 1 - Pick Kit	5220028 ✓
D5208-041	Blanking Plate Assembly	3 pcs (3 ea)	90-Packaging 1 - Pick Kit	5218626 ✓
LN9038-05012	Bolt	36 pcs (36 ea)	90-Packaging 1 - Pick Kit	5181020 ✓
LN9038-05040	Bolt	1 pcs (1 ea)	90-Packaging 1 - Pick Kit	5119862 ✓
LN9348-05	Nut	32 pcs (32 ea)	90-Packaging 1 - Pick Kit	5192370 ✓
MS20470AD3-4	Rivet, Universal Head	18 Ea (18 ea)	90-Packaging 1 - Pick Kit	5136665 ✓
MS21919WCH12	Clamp	1 Ea (1 ea)	90-Packaging 1 - Pick Kit	5131208 ✓
MS2592-138	Bracket	1 pcs (1 ea)	90-Packaging 1 - Pick Kit	5197846 ✓
NAS1149D0332J	Washer	70 Ea (70 ea)	90-Packaging 1 - Pick Kit	5198378 ✓
NAS43DD3-64	Spacer	1 Ea (1 ea)	90-Packaging 1 - Pick Kit	5174223 ✓
22208CM050016E	Screw	2 pcs (2 ea)	90-Packaging 1 - Pick Kit	5197460 ✓
23350CA050	Washer	2 Ea (2 ea)	90-Packaging 1 - Pick Kit	5167662 ✓
736 EXP Date	Heat Resistant Sealant 3 OZ tube 4-18-2021	1 Ea (1 ea)	90-Packaging 1 - Pick Kit	5200141 ✓
9945000180	Gasket	1 Ea (1 ea)	90-Packaging 1 - Pick Kit	5170387 ✓
D5528-1	Upper Hose Protector	1 pcs (1 ea)	90-Packaging 1 - Pick Kit	5175165 ✓
D5528-3	Lower Hose Protector	1 pcs (1 ea)	90-Packaging 1 - Pick Kit	5176576 ✓
D5721-1	Heat Barrier	1 pcs (1 ea)	90-Packaging 1 - Pick Kit	5181970 ✓
LN9038-05016	Bolt	2 pcs (2 ea)	90-Packaging 1 - Pick Kit	5117992 ✓
BS4320-A5	Washer	56 Ea (56 ea)	110-Packaging 1-1 - Pick Kit - B4B	5216 494
LN29985-A05	Anchor Nut	15 pcs (15 ea)	110-Packaging 1-1 - Pick Kit - B4B	5216 491
LN9038-05018	Bolt	56 pcs (56 ea)	110-Packaging 1-1 - Pick Kit - B4B	5216 492
MS20426AD3-3	Rivet	40 Ea (40 ea)	110-Packaging 1-1 - Pick Kit - B4B	5216 495
QB21304	Pureair Panel Assembly	1 pcs (1 ea)	110-Packaging 1-1 - Pick Kit - B4B	5216 488
QB21310	Transition Duct Assembly	1 pcs (1 ea)	110-Packaging 1-1 - Pick Kit - B4B	5216 489
QB23753	Fod Screen Assembly	1 Ea (1 ea)	110-Packaging 1-1 - Pick Kit - B4B	5216 490
QR10616	Vortex Tube Repair	1 pcs (1 ea)	110-Packaging 1-1 - Pick Kit - B4B	5216 486

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
90-Packaging 1 - Pick Kit	22208CM050016E	2	56	0
	23350CA050	2	58	0
	650.0401	1	9	0
	736	1	25	0
	9752100180	1	40	0
	9945000120	1	41	0
	9945000160	1	37	0
	AN821-12J	2	42	0
	AN929-12J	1	19	0
	D4925-041	1	6	0
	D4931-1	1	30	0
	D4931-3	1	31	0
	D4931-5	1	30	0
	D4935-1	6	49	0
	D4943-1	1	49	0
	D4961-041	1	17	0
	D4961-043	1	21	0
	D5079-1	2	44	0
	D5090-041	1	4	0
	D5105-1	2	14	0
	D5110-1	1	17	0
	D5179-1	2	28	0
	D5179-3	2	30	0
	D5194-1	2	26	0
	D5208-041	3	9	0
	D5526-1	1	32	0
	D5526-3	1	30	0
	D5721-1	1	45	0
	LN9038-05012	36	526	0
	LN9038-05016	2	34	0
	LN9038-05040	1	30	0
	LN9348-05	32	590	0
	MS20470AD3-4	18	5,427	0
	MS21919WCH12	1	26	0
	MS9592-138	1	51	0
	NAS1149D0332J	70	3,123	0
	NAS43DD3-64	1	41	0
110-Packaging 1-1 - Pick Kit - B4B	BS4320-A5	56	286	0
	LN29985-A05	15	444	0
	LN9038-05018	56	1,540	0
	MS20426AD3-3	40	6,895	0
	QB21304	1	5	0
	QB21310	1	5	0
	QB23753	1	3	0
	QR10616	1	4	0

Part Specifications

Specifications could not be found.

Plex 7/22/19 3:11 PM Dart.lajeunesse.marie

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____ Part No. _____		DISPOSITION Rework ☐ ☐ ☐ Scrap ☐ ☐ ☐ Use-as-is ☐ ☐ ☐		DEPARTMENT/PROCESS Skid-tube ☐ ☐ ☐ ☐ ☐ ☐ Machining ☐ ☐ ☐ ☐ ☐ ☐ Large Fab ☐ ☐ ☐ ☐ ☐ ☐ Cross tube ☐ ☐ ☐ ☐ ☐ ☐ Small Fab ☐ ☐ ☐ ☐ ☐ ☐ Finishing ☐ ☐ ☐ ☐ ☐ ☐ Eng. (Non-AW) ☐ ☐ ☐ ☐ ☐ ☐ Prod. Eng. Coord. ☐ ☐ ☐ ☐ ☐ ☐ Rec/Store/Packaging ☐ ☐ ☐ ☐ ☐ ☐ Engineering ☐ ☐ ☐ ☐ ☐ ☐ Water Jet ☐ ☐ ☐ ☐ ☐ ☐ Supplier ☐ ☐ ☐ ☐ ☐ ☐ Quality ☐ ☐ ☐ ☐ ☐ ☐				MRB (QS042) _____			
Date : _____		Sequence #: _____		QTY Affected : _____		MRB (QS042) _____					
Description Work Order Deviation				Disposition							
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐				FAULT CATEGORY							
				Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Other/Details: _____		Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐		Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐	
				Completed By _____				Lead hand / Supervisor _____		QC / QA Coordinator _____	

5.0 PARTS LIST

QTY	QTY	PART NUMBER	DESCRIPTION
011	013	D350-822-011	PA100 PUREAIR SYSTEM
X	X	D350-822-013	PA100 PUREAIR PROVISIONS
1		QB05008	PUREAIR SYSTEM
1**		QR10616	TUBE REPAIR KIT
1**		QB21304	PUREAIR PANEL ASSY
1**		QB21310	TRANSITION DUCT ASSY
1**		QB23753	FOD SCREEN ASSY (REPLACES QB21308)
15**		LN9038-05018	ANCHOR NUT
56**		LN9038-05018	BOLT
56**		BS4320-A5	WASHER
40**		MS20426AD3-3	RIVET
1	1	650.0401	PUREAIR FAIRING ASSY
1	1	D4925-041	MOUNTING PLATE ASSY
1*	1*	D4931-1	ENGINE FITTING
1*	1*	D4931-3	ENGINE FITTING
1*	1*	D4931-5	ENGINE FITTING
6	6	D4935-1	MOUNTING BRACKET
1	1	D4943-1	FLEX HOSE
1	1	D4961-041	TUBE ASSEMBLY
1	1	D4961-043	TUBE ASSEMBLY
2	2	D5079-1	PLACARD
1	1	D5090-041	DUCT ASSEMBLY
2	2	D5105-1	HANDLE
1	1	D5110-1	SWIVEL NUT FITTING
2	2	D5179-1	DOUBLER
2	2	D5179-3	DOUBLER
2	2	D5194-1	DOUBLER
3	3	D5208-041	BLANKING PLATE ASSY
1	1	D5526-1	HOSE PROTECTOR
1	1	D5526-3	HOSE PROTECTOR
1	1	D5721-1	HEAT BARRIER
2	2	232500A050	LOCKING TAB
1*	1*	9752100100	GASKET
1*	1*	9945000120	GASKET
1*	1*	706A33-201-001	GASKET (OR 9945000100)
2	2	232080M050016E	SCREW
1	1	738	HEAT RESISTANT SEALANT
2	2	AS1034J1212	ELBOW (OR AN821-12K OR AN821-12S OR AN821-12J)
1	1	AN820-12J	CAP
70	70	BS4320-A5	WASHER (OR NAS1149D0332J)
36	36	LN9038-05012	BOLT
2	2	LN9038-03016	BOLT
1	1	LN9038-05040	BOLT
32	32	LN9348-05	NUT
18	18	MS20470AD3-4	RIVET
1	1	MS21919VCH12	CLAMP (OR MS21919WHG12)
1	1	MS9592-138	BRACKET
1	1	NAS43DD3-54	SPACER

* USE APPROPRIATE FITTING/GASKET BASED ON ENGINE INSTALLATION

** PART OF QB05008 ABOVE

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Revision: 1

Date: 19.03.15

PALL Aerospace

PRODUCTION ACCEPTANCE TEST CERTIFICATE

This is an Electronically controlled document which is maintained with Full Password Access for all users. The "Insp Stamp" column relates to an individual whose password is electronically controlled, a "wet stamp" is therefore no longer required.

Test Unit Desc	Centrisep EAPS	Issue	4	Report No:	FC/063
Drawing No	QB05008	Amdnt		Serial No.	RF7-7107
Part No	QB05008			Batch No.	RD19014885
ECR / Concession No					
Cust Spec	RSB05008	Test Sched	ATPB05008	Issue	5
Test Fluid	Air	Test Set-up		Issue	
Rig Or Test No		Assembler	MARK WEAVER	Tester	IAN ENGLAND
Comment		Clock No.	08003105	Date	06/09/2019
Insp/Approved By					

No	PROCEDURE	REQUIREMENT	RESULT	Pass/Fail
3.1	Check that the label requirements and part marking are in accordance with Sheet 2	Confirm	CONFIRMED	PASS
3.2	Ensure the QB05008 assembly conforms to the QB05008 Sheet 2 dimensions.	Confirm	CONFIRMED	PASS
3.3	Check the weight of the unit does not exceed 10kg.	Confirm	8.4 Kg	PASS
3.4	Check that proof pressure and crack detect tests have been performed on manifold.	Confirm	CONFIRMED	PASS
3.5	Check FOD screen mesh is intact with no broken mesh strands or irregular deformation.	Confirm	CONFIRMED	PASS
3.6	Check manifold port thread engagement. Ensure protective cap is fitted.	Confirm	CONFIRMED	PASS
3.7	Check electrical bonding resistance is equal to or less than 100 milliohms.	Confirm	1 mΩ	PASS
4.1	Check overall unit cleanliness.	Confirm	CONFIRMED	PASS
4.1 a	Check there are no material imperfections or foreign matter embedded.	Confirm	CONFIRMED	PASS
4.1 b	Check surface for unclean, rough, misaligned or containing cracks, nicks or other flaws.	Confirm	CONFIRMED	PASS
4.1 c	Check for any components that are missing, malformed, fractured or otherwise damaged.	Confirm	CONFIRMED	PASS
4.1 d	Check for any components that are loose or otherwise not securely retained.	Confirm	CONFIRMED	PASS
4.1 e	Check for incorrect assembling or improper positioning of components.	Confirm	CONFIRMED	PASS

4.1 f	Check for faulty workmanship or other irregularities e.g. Marking. Check for missing, insufficient, incorrect, illegible or non permanent text.	Valid on 28 Jun 2019 only Confirm	CONFIRMED	PASS
4.1 g	Check to ensure all components are installed and secured in accordance with drawing instructions.	Confirm	CONFIRMED	PASS
4.1 h	Check that unit is free from all foreign objects: e.g. Swarf and rivet tails. Ensure unit is properly painted and is in a clean condition. Visually check unit for workmanship, no damage is permissible.	Confirm	CONFIRMED	PASS
	PASS/FAIL			
RESULTS OF TEST :- PASS FINAL INSPECTION APPROVAL :-				



Change Record

PAGE 1 OF 1

Part Number: D350-822-011

Description: PA100 PUREAIR SYSTEM

[illegible]